

PATENT COOPERATION TREATY

PCT

NOTIFICATION RELATING TO PRIORITY CLAIM

(PCT Rules 26bis.1 and 26bis.2 and Administrative Instructions, Sections 402 and 409)

From the INTERNATIONAL BUREAU

To:

JUREMA CAVALHEIRO FARIA DE CASTRO
Av. Victor Ferreira do Amaral, nº
2.560
CEP-82810-350 Curitiba, PR
BRÉSIL

Date of mailing (day/month/year) 17 November 1999 (17.11.99)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference	
International application No. PCT/BR99/00047	International filing date (day/month/year) 17 June 1999 (17.06.99)
Applicant GOUVEA, Nereu et al	

The applicant is hereby notified of the following in respect of the priority claim(s) made in the international application.

1. ☒ **Correction of priority claim.** In accordance with the applicant's notice received on: 03 November 1999 (03.11.99), the following priority claim has been corrected to read as follows:
BR 11 August 1998 (11.08.98) PI 9802700-0
☐ even though the indication of the number of the earlier application is missing.
☐ even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:
2. ☒ **Addition of priority claim.** In accordance with the applicant's notice received on: 03 November 1999 (03.11.99), the following priority claim has been added:
BR 17 May 1999 (17.05.99) MU 7901399-6
☐ even though the indication of the number of the earlier application is missing.
☐ even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:
3. ☐ As a result of the correction and/or addition of (a) priority claim(s) under items 1 and/or 2, the (earliest) priority date is:
4. ☐ **Priority claim considered not to have been made.**
☐ The applicant failed to respond to the invitation under Rule 26bis.2(a) (Form PCT/IB/316) within the prescribed time limit.
☐ The applicant's notice was received after the expiration of the prescribed time limit under Rule 26bis.1(a).
☐ The applicant's notice failed to correct the priority claim so as to comply with the requirements of Rule 4.10.
 The applicant may, before the technical preparations for international publication have been completed and subject to the payment of a fee, request the International Bureau to publish, together with the international application, information concerning the priority claim. See Rule 26bis.2(c) and the PCT Applicant's Guide, Volume I, Annex B2(1B).
5. ☐ In case where multiple priorities have been claimed, the above item(s) relate to the following priority claim(s):
6. A copy of this notification has been sent to the receiving Office and
☒ to the International Searching Authority (where the international search report has not yet been issued).
☒ the designated Offices (which have already been notified of the receipt of the record copy).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35	Authorized officer V. Gross Telephone No. (41-22) 338.83.38
--	---

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C. 20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 30 March 2000 (30.03.00)	
International application No. PCT/BR99/00047	Applicant's or agent's file reference
International filing date (day/month/year) 17 June 1999 (17.06.99)	Priority date (day/month/year) 11 August 1998 (11.08.98)
Applicant GOUVÊA, Nereu et al	

1. The designated Office is hereby notified of its election made:



in the demand filed with the International Preliminary Examining Authority on:

06 March 2000 (06.03.00)



in a notice effecting later election filed with the International Bureau on:

2. The election



was



was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Jean-Marc Vivet Telephone No.: (41-22) 338.83.38
--	--

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/BR 99/00047	International filing date (day/month/year) 17 June 1999 (17.06.99)	(Earliest) Priority Date (day/month/year) 10 August 1998 (10.08.99)
Applicant Gouvêa, Nereu et al.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.: 01

☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.



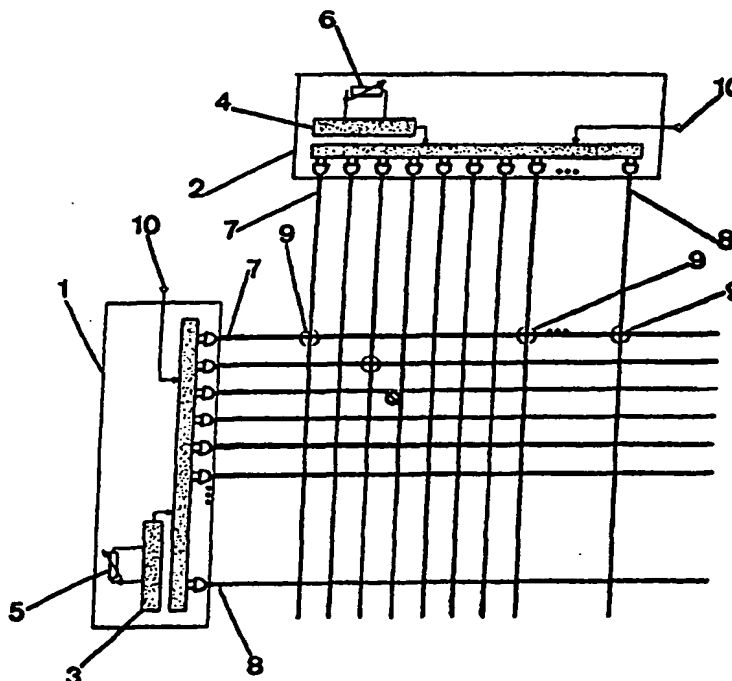
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : G09G 3/36		A3	(11) International Publication Number: WO 00/10319
			(43) International Publication Date: 24 February 2000 (24.02.00)
(21) International Application Number: PCT/BR99/00047		(81) Designated States: AE, AT, AU, CA, CN, ID, IL, JP, KP, KR, MX, RU, TR, US, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).	
(22) International Filing Date: 17 June 1999 (17.06.99)			
(30) Priority Data: PI 9802700-0 11 August 1998 (11.08.98) BR MU 7901399-6 17 May 1999 (17.05.99) BR		Published With international search report.	
(71)(72) Applicants and Inventors: GOUVÊA, Nereu [-/BR]; 3ª Quadra, Nº 26 Jardim Eldorado, CEP-83215-000 Paranaguá, PR (BR). TRAMUJAS, Ronaldo [-/BR]; Rua Bento Munhoz da Rocha Neto, nº 2.049, Bairro Aeroporto, CEP-83215-000 Paranaguá, PR (BR). TRAMUJAS, Ricardo [-/BR]; Rua Bento Munhoz da Rocha Neto, nº 2.049, Bairro Aeroporto, CEP-83215-000 Paranaguá, PR (BR).		(88) Date of publication of the international search report: 6 July 2000 (06.07.00)	
(74) Agent: CAVALHEIRO FARIA DE CASTRO, Jurema; Av. Victor Ferreira do Amaral, nº 2.560, CEP-82810-350 Curitiba, PR (BR).			

(54) Title: MATRIX ANALOG SYSTEM FOR THE REPRODUCTION OF IMAGES

(57) Abstract

Matrix analog system for the reproduction of images characterised for presenting an electronic command system for matrixes for the reproduction of video images in real time by means of pixels in a way that the image displayed by the matrix had analog attitude and characteristics and that do not depend on previous processing of the video signal through analog/digital or digital/analog converters, without the need for microprocessors, digital memories, shift registers or even computers and converters which are normally needed so that images could be generated on a pixel matrix. Presents variations that define the means for the building of pixel matrixes that do not have the characteristic of emitting light while not powered (LED's, lamps and similar devices) and means for the building of a photoluminescent matrix to allow the reproduction of colour images. Presents the addition of two grids for an improved brightness of the phosphorus.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/BR 99/00047

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷: G 09 G 3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷: G 09 G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5170158 A (SHINYA) 08 December 1992 (08.12.92), claims 1-7; fig. 1,2 and 5.	1,3
A	WO 95/20210 A2 (ARITHMOS) 27 July 1995 (27.07.95), claims 1,3,4; fig. 1,2,5,9.	1,3
A	US 5739803 A (NEUGEBAUER) 14 April 1998 (14.04.98), claims 1-4; fig.	1
A	US 5784073 A (YAMAZAKI et al.) 21 July 1998 (21.07.98), claims 1; fig. 14.	1,3

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

03 Mai 2000 (03.05.00)

Date of mailing of the international search report

05 Mai 2000 (05.05.00)

Name and mailing address of the ISA/AT
Austrian Patent Office
Kohlmarkt 8-10; A-1014 Vienna
Facsimile No. 1/53424/200

Authorized officer

Mihatsek

Telephone No. 1/53424/329

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/BR 99/00047

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
US	A	5170158	08-12-1992	JP	A2	3121415	23-05-1991
				JP	B2	2862592	03-03-1999
WO	A2	9520210	27-07-1995	AU	A1	16890/95	08-08-1995
WO	A3	9520210	23-11-1995	EP	A1	722602	24-07-1996
				JP	T2	9508219	19-08-1997
				US	A	5739803	14-04-1998
US	A	5739803	14-04-1998	AU	A1	16890/95	08-08-1995
				EP	A1	722602	24-07-1996
				JP	T2	9508219	19-08-1997
				WO	A2	9520210	27-07-1995
				WO	A3	9520210	23-11-1995
US	A	5784073	21-07-1998	US	A	5414442	09-05-1995
				US	A	5956105	21-09-1999
				JP	A2	5035202	12-02-1993
				KR	B1	9611400	22-08-1996
				KR	B1	9707524	10-05-1997
				JP	A2	6082756	25-03-1994
				JP	B2	2562745	11-12-1996

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

CAVALHEIRO FARIA DE CASTRO, Jurema
Av. Victor Ferreira do Amaral, nº
2.560
CEP-82810-350 Curitiba, PR
BRÉSIL

Date of mailing (day/month/year) 24 February 2000 (24.02.00)		
Applicant's or agent's file reference		IMPORTANT NOTICE
International application No. PCT/BR99/00047	International filing date (day/month/year) 17 June 1999 (17.06.99)	
Priority date (day/month/year) 11 August 1998 (11.08.98)		
Applicant GOUVÊA, Nereu et al		

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:
AU,CN,EP,IL,JP,KP,KR,US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:
AE,AT,CA,ID,MX,RU,TR,ZA

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 24 February 2000 (24.02.00) under No. WO 00/10319

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35	Authorized officer J. Zahra Telephone No. (41-22) 338.83.38
--	---

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:
JUREMA CAVALHEIRO FARIA DE CASTRO
Av. Victor Ferreira do Amaral, no 2.560
CEP.: 82.810-350 Curitiba - Paraná
MATRIC; no 00974
BRAZIL

PCT

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing (day/month/year)	29 January 2001 (29.01.01)
-------------------------------------	----------------------------

Applicant's or agent's file reference

IMPORTANT NOTIFICATION

International application No. PCT/ BR 99/00047	International filing date (day/month/year) 17 June 1999 (17.06.99)	Priority Date (day/month/year) 11 August 1998 (11.08.98)
--	--	--

Applicant

GOUVEA, NEREU et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/AT	Authorized officer
---	--------------------

Austrian Patent Office
Kohlmarkt 8-10
A-1014 Vienna
Facsimile No. 1/53424/200

Koch

Telephone No. +43 / 1 / 53424 - 450

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/BR 99/00047	International filing date (day/month/year) 17 June 1999 (17.06.99)	Priority Date (day/month/year) 11 August 1998 (11.08.98)
International Patent Classification (IPC) or national classification and IPC IPC ⁷ : G 09 G 3/36		
Applicant GOUVEA, NEREU et al.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <p>I <input type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>

Date of submission of the demand 06 March 2000 (06.03.00)	Date of completion of this report 29 May 2000 (29.05.00)
Name and mailing address of the IPEA/AT Austrian Patent Office Kohlmarkt 8-10 A-1014 Vienna Facsimile No. 1/53424/200	Authorized officer Mihatsek Telephone No. 1/53424/329

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/BR 99/00047

I. Basis of the report

1. With regard to the elements of the international application:*

☒ the international application as originally filed

☐ the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement) under Article 19

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

☐ the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

☐ the language of publication of the international application (under Rule 48.3(b)).

☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, Nos. _____

☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as „originally filed“ and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/BR 99/00047

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-6	YES
	Claims		NO
Inventive step (IS)	Claims	1-6	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-6	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

Citations:

Please take notice of the search report dated from 03 May 2000 established by the Austrian Patent Office.

Explanations:

As a result of the established examination, one has to state that none of the cited documents is able to anticipate the subject matter of the present application since the cited documents merely define the prior art and are therefore not considered of particular relevance concerning the conditions of novelty and inventive step. Furthermore the industrial applicability is obviously given.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

JUREMA CAVALHEIRO FARIA DE CASTRO
Av. Victor Ferreira do Amaral, no 2.560
CEP.: 82.810-350 Curitiba - Paraná
MATRIC: no 00974
BRAZIL

NOTIFICATION OF RECEIPT OF DEMAND BY COMPETENT INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

(PCT Rules 59.3(e) and 61.1(b), first sentence
and Administrative Instructions, Section 601(a))

Date of mailing
(day/month/year) 9 Mrz. 2000 (09.03.00)

Applicant's or agent's file reference

IMPORTANT NOTIFICATION

International application No.

PCT / BR 99/00047

International filing date (day/month/year)

17 Jun. 1999 (17.06.99)

Priority date (day/month/year)

11 Aug. 1998 (11.08.98)

Applicant

GOUVEA, NEREU et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority considers the following date as the date of receipt of the demand for international preliminary examination of the international application:

6 Mrz. 2000 (06.03.00)

2. That date of receipt is:

- ☒ the actual date of receipt of the demand by this Authority (Rule 61.1(b)).
- ☐ the actual date of receipt of the demand on behalf of this Authority (Rule 59.3(e)).
- ☐ the date on which this Authority has, in response to the invitation to correct defects in the demand (Form PCT/IPEA/404), received the required corrections.

3. ☐ **ATTENTION:** That date of receipt is **AFTER** the expiration of 19 months from the priority date. Consequently, the election(s) made in the demand does (do) not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)). Therefore, the acts for entry into the national phase must be performed within 20 months from the priority date (or later in some Offices) (Article 22). For details, see the *PCT Applicant's Guide*, Volume II.

- ☐ (If applicable) This notification confirms the information given by telephone, facsimile transmission or in person on:

4. Only where paragraph 3 applies, a copy of this notification has been sent to the International Bureau.

Name and mailing address of the IPEA/ AT
AUSTRIAN PATENT OFFICE
Kohlmarkt 8-10
A-1014 Vienna
Facsimile No. +43 / 1 / 534 24 - 200

Authorized officer
Koch
+43 / 1 / 534 24 - 450
Telephone No.

PATENT COOPERATION TREATY

PCT

NOTIFICATION CONCERNING SUBMISSION OR TRANSMITTAL OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

To:

JUREMA CAVALHEIRO FARIA DE CASTRO
Av. Victor Ferreira do Amaral, nº
2.560
CEP-82810-350 Curitiba, PR
BRÉSIL

Date of mailing (day/month/year) 25 November 1999 (25.11.99)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference	
International application No. PCT/BR99/00047	
International publication date (day/month/year) Not yet published	
International filing date (day/month/year) 17 June 1999 (17.06.99)	Priority date (day/month/year) 11 August 1998 (11.08.98)
Applicant GOUVEA, Nereu et al	

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
11 Augu 1998 (11.08.98)	PI 9802700-0	BR	16 Nove 1999 (16.11.99)
17 May 1999 (17.05.99)	MU 7901399-6	BR	22 Nove 1999 (22.11.99)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer

Olivia RANAIVOJAONA

Telephone No. (41-22) 338.83.38

002977272

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

INFORMATION CONCERNING ELECTED
OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

To:

CAVALHEIRO FARIA DE CASTRO, Jurema
Av. Victor Ferreira do Amaral, nº
2.560
CEP-82810-350 Curitiba, PR
BRÉSIL

Date of mailing (day/month/year)

30 March 2000 (30.03.00)

Applicant's or agent's file reference

IMPORTANT INFORMATION

International application No.

PCT/BR99/00047

International filing date (day/month/year)

17 June 1999 (17.06.99)

Priority date (day/month/year)

11 August 1998 (11.08.98)

Applicant

GOUVÊA, Nereu et al

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

EP : AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
National : AU, CA, CN, IL, JP, KP, KR, RU, US

2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

National : AE, AT, ID, MX, TR, ZA

3. The applicant is reminded that he must enter the "national phase" **before the expiration of 30 months from the priority date** before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3)(b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into the European regional phase is postponed **until 31 months from the priority date** for all States designated for the purposes of obtaining a European patent.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer:

Jean-Marc Vivet

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38